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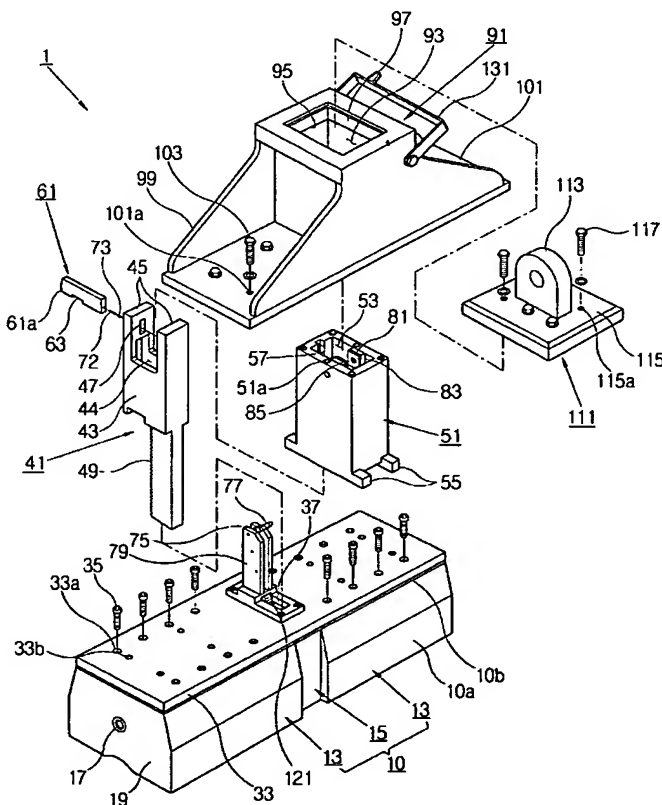
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(54) Title: LIFTING MAGNET



(57) Abstract: Disclosed is a lifting magnet with a housing; a rotary magnet unit; and a stationary magnet unit, which comprises a pinion; a socket moving up and down; a lifting slider rotating the pinion to set the magnetization and demagnetization states at top and bottom dead points, respectively; a locking part provided in one of the socket and the lifting slider; a locking unit provided in the other, comprising a locker, and lifting up and down both the socket and the lifting slider while the locker is locked to the locking part; and a locking unit driver alternatively driving the locking unit to make the locker released from and locked to the locking part at first and second lifting operations, respectively. With this configuration, the lifting magnet can stably keep on and off states of an attractive magnetic force and conveniently performs lifting and carrying operations.

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